



1641

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/829,073

DATE: 07/10/2002  
TIME: 11:05:57

Input Set : A:\09829073.ST25.txt  
Output Set: N:\CRF3\07102002\I829073.raw

3 <110> APPLICANT: DONG, Ke-Wen  
4 OEHNINGER, Sergio C.  
5 GIBBONS, William E.  
7 <120> TITLE OF INVENTION: HUMAN ZONA PELLUCIDA PROTEIN 3 AND USES THEREOF  
9 <130> FILE REFERENCE: 651  
11 <140> CURRENT APPLICATION NUMBER: US 09/829,073  
12 <141> CURRENT FILING DATE: 2001-04-09  
14 <150> PRIOR APPLICATION NUMBER: US 09/252,828  
15 <151> PRIOR FILING DATE: 1999-02-19  
17 <150> PRIOR APPLICATION NUMBER: US 60/075,079  
18 <151> PRIOR FILING DATE: 1998-02-19  
20 <160> NUMBER OF SEQ ID NOS: 7  
22 <170> SOFTWARE: PatentIn version 3.1  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 28  
26 <212> TYPE: DNA  
27 <213> ORGANISM: Artificial Sequence  
29 <220> FEATURE:  
30 <223> OTHER INFORMATION: PCR Primers A for RT-PCR amplification of first strand of  
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31 om the RNA sample of PA-1 cells stable transfected with human ZP3  
32 cDNA  
34 <220> FEATURE:  
35 <221> NAME/KEY: primer\_bind  
36 <222> LOCATION: (1)..(28)  
37 <223> OTHER INFORMATION:  
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54 <220> FEATURE:  
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56 <222> LOCATION: (1)..(33)  
57 <223> OTHER INFORMATION:  
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65 <211> LENGTH: 59

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66 <212> TYPE: DNA  
 67 <213> ORGANISM: Artificial Sequence  
 69 <220> FEATURE:  
 70 <223> OTHER INFORMATION: PCR Primers C for RT-PCR amplification of first strand of

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 71       om the RNA sample of PA-1 cells stable transfected with human ZP3  
 72       cDNA  
 74 <220> FEATURE:  
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 76 <222> LOCATION: (1)..(59)  
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 89 <220> FEATURE:  
 90 <223> OTHER INFORMATION: Sense primer designed based on the published sequence of hZP3

CDN  
 91       A with additional restriction enzyme sites and histidine tail (Ch  
 92       ambgerlin and Dean, 1990)  
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 112       (Chambgerlin and Dean, 1990)  
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 115 <221> NAME/KEY: primer\_bind  
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 123 t  
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 129 <213> ORGANISM: Artificial Sequence  
 131 <220> FEATURE:  
 132 <223> OTHER INFORMATION: Sense primer designed based on the published sequence of

hZP3 cDN  
 133       A with additional restriction enzyme sites and histidine tail (Ch  
 134       ambgerlin and Dean, 1990), located between 1 to 22 with Bam HI si

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135 te in the 5' end  
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146 <220> FEATURE:  
147 <223> OTHER INFORMATION: Antisense primer designed based on the published sequence of  
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149 (Chambgerlin and Dean, 1990), located between base 1256 and 1262  
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153 <222> LOCATION: (1)..(27)  
154 <223> OTHER INFORMATION:  
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VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/829,073

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